

NON-MONETARY INCENTIVE

- Name of the program

EDGE - Excellence in Design for Greater Efficiencies

- Types of Incentives

Non-monetary incentive. Certificate of achievement.

- *The first incentive for enterprises is from the EDGE: Building design teams can now adopt a quantitative modelling approach as the EDGE software guides them how to estimate localized costs and climate data to reach expected results. The software interface enables easy modeling of future performance without sacrificing the design integrity. The building design teams cannot only quickly choose energy systems and solutions but also easily view the financial and environmental impacts. This leads to a successful building project while the investors are creating their modern and eco-friendly image.*
- *The second incentive comes from IFC. As a part of IFC project, the customer will be consulted, join the network to get more important connections and partly financial support.*

- General descriptions of the program

EDGE is an innovation of IFC - a member of the World Bank Group, is the largest global development institution focused exclusively on the private sector in developing countries. EDGE encourages resource-efficient building growth by proving the business case for building green at the early design stage.

- Target customers

Building contractors or designers, who are interested in green buildings and tend to build a greener Image for the Enterprises.

- Partners in the program

- *IFC as the main partner of this program. Not only because IFC invest in EDGE but IFC also support customers to use EDGE.*
- *SGS - the world's leading inspection, verification, testing and certification company and also the first international, independent inspection provider to be granted a 100% foreign-owned company license in Vietnam - confirms the quality of EDGE.*

- General eligibility criteria

The general eligibility criteria of EDGE is quite simple, which requires only the technical design information of the project/ building and log in.

- Technical requirements

There are no specific technical requirements for projects to get this certification. Mainly green buildings reduce energy costs by 20 percent on average over conventional buildings (less energy and less water), and have lower maintenance costs.

- Documentation or paperwork submissions

Design documentation.

As – Built documentation.

- Process of application

- *Design stage:*

- *Design Inputs into EDGE*
- *Project Registration*
- *Submission of Design Documentation*
- *Auditor Review*
- *EDGE Partner Check*
- *Preliminary Certification*

- *Construction stage*

- *As-Built Inputs into EGDE*
- *Project Registration*
- *Submission of As-Built Documentation*
- *Auditor Review and Site Audit*
- *EDGE Partner Check*
- *EDGE Certification*

INTRODUCTORY CERTIFICATION PRICING FOR VIETNAM:*

<i>COSTS</i>	<i>SINGLE FAMILY HOMES</i>	<i>LESS THAN 5,000 M²</i>	<i>5,000 – 50,000 M²</i>	<i>MORE THAN 50,000 M²</i>
<i>Registration</i>	<i>\$200</i>	<i>\$200</i>	<i>\$200</i>	<i>\$200</i>
<i>Certification</i>	<i>\$800</i>	<i>\$3,000</i>	<i>\$4,000</i>	<i>\$5,000</i>
<i>Audit (Preliminary)</i>	<i>\$500</i>	<i>\$750</i>	<i>\$750</i>	<i>\$1,200</i>
<i>Audit (Final)</i>	<i>\$700</i>	<i>\$1,000</i>	<i>\$1,250</i>	<i>\$2,000</i>

**Note that the costs of auditors are expressed in man day rates and the total dedication may vary depending on the project. Costs are in U.S. dollars. Hiring an auditor is required to complete the EDGE certification process.*

- Current status of the programs

There are 4 buildings in Vietnam, which achieved EDGE Certification: look up in Table 1

- Lesson learned or feedbacks

Attached in the Table 1.

Table 1: List of EDGE certified projects in Vietnam

	Predicted Savings of EDGE (%)			Technical Solutions			Stage	Date	tCO ₂ Saving/m ² /yr
	Energy	Water	Energy in Material	Energy	Water	Material			
First Home Premium	22	28	35	Reduced window to wall ratio, insulation of external walls and energy-efficient lighting system.	Low flow showerheads, low-flow faucets for kitchen sinks and wash basins, and dual flush water closets.	Autoclaved aerated concrete blocks for internal and external walls; and uPVC for window frames.	Preliminary EDGE Certificate	06.2015	0,004
Green House Residential Complex	28	39	46	External shading devices, reduced window to wall ratio, and energy-saving lighting for interior and exterior spaces.	Low-flow showerheads, low-flow faucets and dual-flush water closets.	In-situ reinforced concrete slab for roof and floors, honeycomb clay blocks for internal and external walls, laminated wood flooring and uPVC window frames.	Final EDGE Certificate	11.2015	0,0068
The Ascent - Thao Dien Condominiums	20	20	30	Insulation of roof and external walls; higher performance glass; and energy-efficient lighting system.	Low flow showerheads, low-flow faucets for kitchen sinks and wash basins; and dual flush water closets.	In-situ reinforced wall for external walls and autoclaved aerated concrete blocks for internal walls.	Preliminary EDGE Certificate	06.2015	0,0088
Orchard Garden Apartments	21	23	33	Reduced window to wall ratio, insulation for roof and external walls, low-E glass and energy-efficient lighting system.	Low-flow showerheads, low-flow faucets for kitchen sinks and wash basins, and dual flush water closets.	Autoclaved aerated concrete blocks for internal and external walls.	Preliminary EDGE Certificate	06.2015	0,0059

